

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	
)	
Notice of Proposed Rulemaking)	
18 FCC Rcd 13187, 13188 ¶1 (2003))	ET Docket No.
03-137)	
)	
And)	
)	
Service Rules for the Advanced Wireless Services)	WT Docket No.
12-357)	
H Block---Implementing Section 6401 of the)	
Middle Class Tax Relief and Job Creation Act of)	
2012 Related to the 1915-1920 MHz and)	
1995-2000 MHz Bands ¶53 footnote 95)	

To: Office of the Secretary
Federal Communications Commission
Washington, DC 20554

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February 4, 2013

AFFIDAVIT OF ELIZABETH HOLMES

State of Washington]

King County]

I, Elizabeth Holmes, attest that my statements are true to the best of my knowledge.

Comment round for ET Docket No. 03-137 and WT Docket No. 12-357.

My name is Elizabeth Holmes. My address is 12828 NE 75th St, Kirkland, WA, 98033.

I am a student of Visual Communications at Cornish College of the Arts, in Seattle, WA.

Dear members of the FCC

I urge you to take up new standards on levels of electromagnetic radiation permitted to exist in current and new technologies. The standards on what is currently considered safe is way out of alignment with how these EMF are affecting us. We are beaching increasingly bombarded with EMFs and ER and are suffering as a result. It is a known fact that EMR, at certain levels, is carcinogenic. As well, it affects brain and nervous system function and can alter DNA. The American people are suffering as a result of being overly bombarded with high levels of EMF's saturating our atmosphere.

Each of the devices we interact with that emit ER are tested individually in labratories- we do not take into account the constant bombardment of EMF's we

face every day, surrounded by wireless devices, cell phones, microwaves and RF technology. We are going to see cancer and other diseases on the rise because of it. There is no reason the limits for electromagnetic radiation to be so high. Our urban environments are saturated with layer upon layer of electromagnetic radiation, it is unavoidable and now with the implementation of smart meters and the smart grid, it is being pushed into our homes.

Its time to take action on this technology that has gotten way out of hand. So many experts, scientists and researchers are speaking up about this issue and its time to listen, its time to act. People we know are being affected by brain tumors (linked to cell phone exposure) and a host of other ailments connected with EMF sensitivity.

Dozens of scientific studies have shown negative impacts of EMR on human health, even at low levels of exposure. The most commonly accepted guidelines are the Building Biology recommendations that list 1,000 microwatts/m² as the threshold for “extreme concern” ([HYPERLINK "http://www.baubiologie.de/downloads/english/richtwerte_2008_englisch.pdf"](http://www.baubiologie.de/downloads/english/richtwerte_2008_englisch.pdf) http://www.baubiologie.de/downloads/english/richtwerte_2008_englisch.pdf). On May 31, 2011, the World Health Organization's International Agency for Research on Cancer (IARC) classified radiofrequency fields as “possibly carcinogenic to humans.” The FCC does not use biologically determined guidelines that affect health, but rather uses a standard that measures thermal heating of biological tissue. The premise that there are no adverse impacts of EMR on the human body until it is cooked is completely ridiculous.

I am an individual who has a sensory, tangible experience of electromagnet fields. I cannot spend more than seconds on a cell phone before I get a stinging headache and avoid many devices that emit EMR due to a physical experience of pain that follows immediately after coming into contact with this type of radiation. I have experienced so many things in my environment (the city of Seattle) which overly expose the population to harmful doses of EMF's. The electronic tolling devices over our highways are way too powerful, they cause immediate reactions of pain whenever I come into contact with them. Airport security technology is so harmful, over exposing Americans to EMR.

Though I understand that not everyone is like me and has a physical sensation of these things, I believe that everyone is being affected by them. We have to study some of the mass epidemics that are unfolding in this country and see the missing link of EMR.

The current limits of the FCC for EMR are so outrageous, they want to see a device actually cook bodily tissue before it is deemed too high. These levels for emissions are so arcane and are hurting millions of Americans. Its time to look at the science that isn't being supplied by cell phone companies and other major corporations, its time to look at independent research that is urging you to readjust the elves of what is considered safe for EMR.

Cell phone towers are erected next to schools, electronic tolling devices are radiating all who pass underneath them, powerful wireless modems are in all of our work places, the constant bombardment of our people with this harmful radiation is putting the population at risk.

I urge the FCC to adopt new RF safety guidelines that take into account published research on the biological effects brought on by the ability of RF signals to communicate with living tissue, and more specifically, to consider the Building Biology guidelines for human health.

Respectfully submitted by

Elizabeth Holmes

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